

PLU # 264

COMPANY: BEPCO, L.P.

WELL: Poker Lake Unit #264

FIELD: Nash Draw (Delaware)

COUNTY: Eddy STATE: New Mexico

COUNTY: Eddy
Field: Nash Draw (Delaware)
Location: 1780' FSL & 660' FWL
Well: Poker Lake Unit #264
Company: BEPCO, L.P.

Schlumberger
Platform Express
Three Detector Litho-Density
Compensated Neutron / GR

LOCATION		Elev.: K.B. 3214.8 ft G.L. 3193.1 ft D.F. 3213.6 ft	
1780 FSL & 660' FWL			
Permanent Datum:	Ground Level	Elev.: 3193.1 ft	
Log Measured From:	Kelly Bushing	21.7 ft above Perm. Datum	
Drilling Measured From:	Kelly Bushing		
API Serial No. 30-015-34946	SECTION 6	TOWNSHIP 24S	RANGE 30E

Logging Date	22-Sep-2006		
Run Number	One		
Depth Driller	7436 ft		
Schlumberger Depth	7472 ft		
Bottom Log Interval	7454 ft		
Top Log Interval	200 ft		
Casing Driller Size @ Depth	8.625 in @ 730 ft		
Casing Schlumberger	730 ft		
Bit Size	7.875 in		
Type Fluid In Hole	Brine / Starch / Salt Gel		
Density	8 lbm/gal	10 s	
Fluid Loss	PH	10	
Source Of Sample	Circulation Tank		
RM @ Measured Temperature	0.131 ohm.m @ 92 degF		
RMF @ Measured Temperature	0.058 ohm.m @ 75 degF		
RMC @ Measured Temperature	@		
Source RMF	Measured		
RM @ MRT	0.091 @ 135 0.033 @ 135		
Maximum Recorded Temperatures	135 degF		
Recorded Time	22-Sep-2006	3:30	
Recorded Time	23-Sep-2006	02:35	
Location	2323 Roswell, N.M.		
	Daniel Martinez		
	Brian Piegger		

Changed Parameter Summary

DLIS Name	New Value	Previous Value	Depth & Time
BHS	CASED	OPEN	703.5 06:15:05
GCSE	BS	HCAL	703.5 06:15:16

PIP SUMMARY

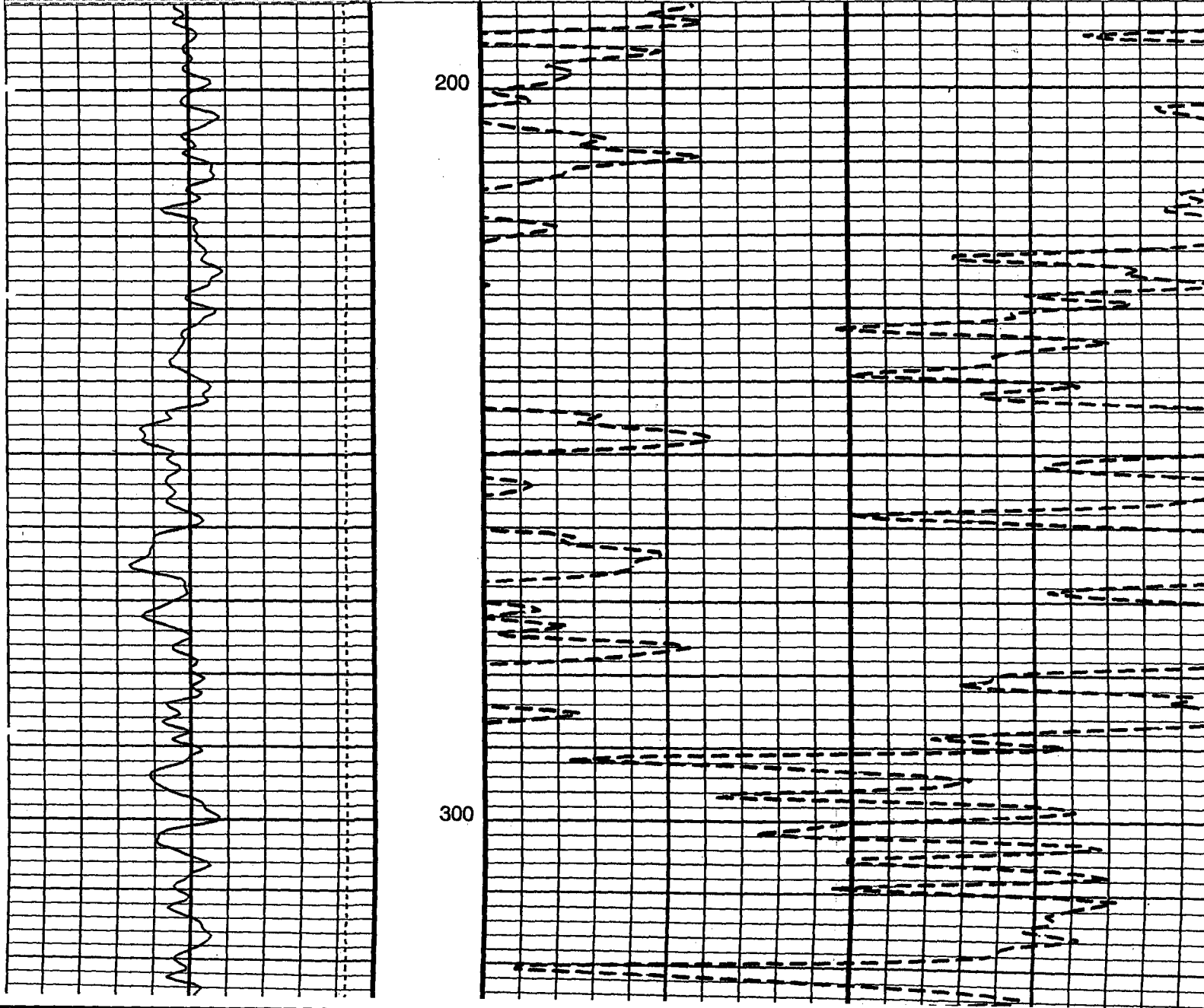
- Integrated Borehole Volume Every 10 F3
- Integrated Borehole Volume Every 100 F3
- Integrated Annulus Volume Every 10 F3
- Integrated Annulus Volume Every 100 F3

MAIN PASS 5' = 100'

Time Mark Every 60 S

Cable Tension (TENS) (LBF)	0
HRMS Caliper (HCAL) (IN)	16
GR (GR) (GAPI)	100
Gamma Ray on Backup	

Thermal Neutron Porosity (TNPH) (V/V)	-0.1
Stan Res Formation Pe Factor (PEFZ) (—)	10
HRDD Density Correction (HDRA) (G/C3)	0.45
Stan Res Density Porosity [2.71] (DPHZ) (V/V)	-0.1



T/8A

7000

0000

7100

0000

7200

BONE
SPRING

STIMULATION

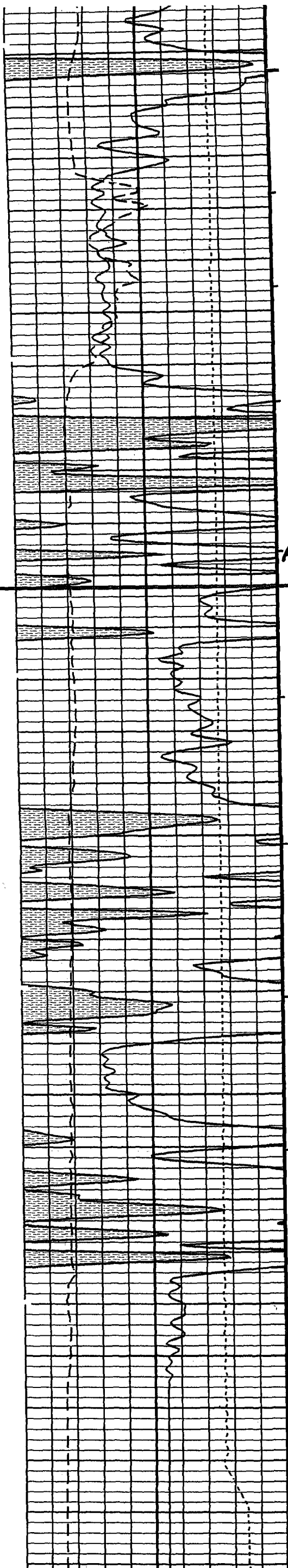
7057' - 7069'

7187' - 7195'

113,381 gals. PW

10,000 #s LP

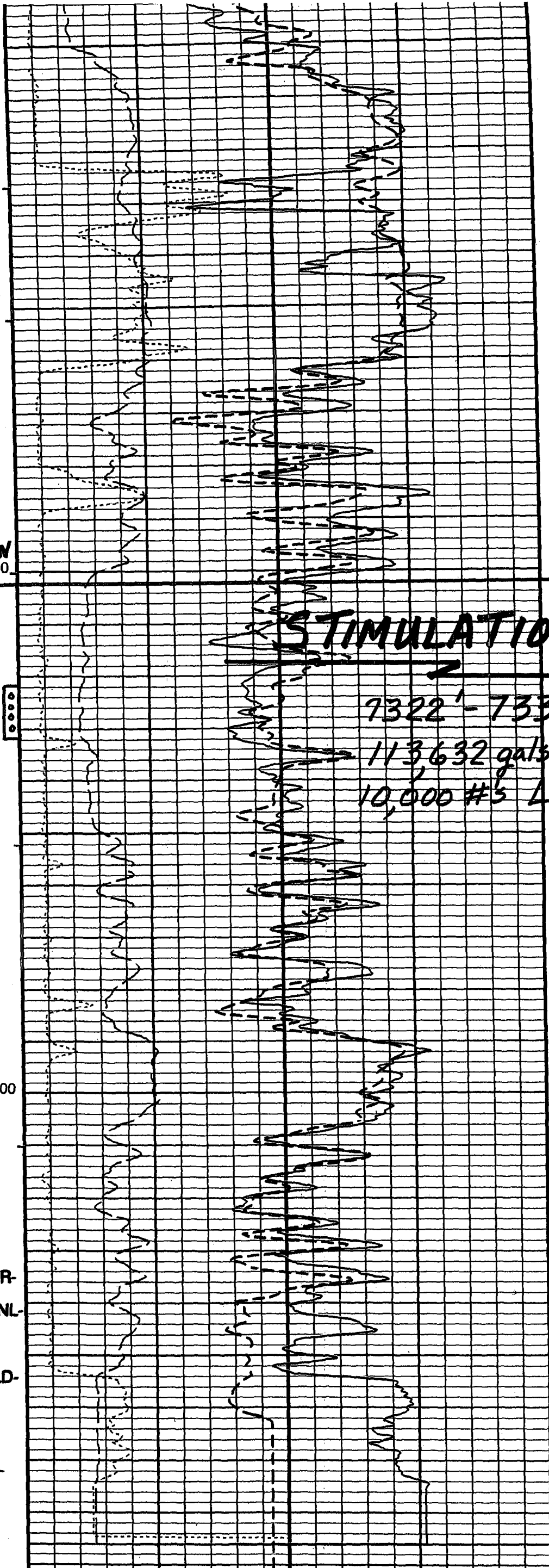
PLU-264



AVALON
7300

FR GR
FR CNL
FR TLD
TD

Gamma Ray on Backup		
GR (GR)		
(GAPI)		
0		100
HRMS Caliper (HCAL)		
(IN)		
6		16
Cable Tension (TENS)		
(LBF)		
10000		0



STIMULATION

7322' - 7332'
113,632 gals. PW
10,000 #3 LP

Stan Res Density Porosity [2.71] (DPHZ)		
(V/V)		
0.3		-0.1
HRDD Density Correction (HDRA)		
(G/C3)		
-0.05		0.45
Stan Res Formation Pe Factor (PEFZ)		
(—)		
0		10
Thermal Neutron Porosity (TNPH)		
(V/V)		
0.3		-0.1

2LU-264

COMPANY: BEPCO, L.P.

WELL: Poker Lake Unit #264

FIELD: Nash Draw (Delaware)

COUNTY: Eddy STATE: New Mexico

Schlumberger

Platform Express

Array Induction Tool

Micro-CFL / GR

1780' FSL & 660' FWL

Elev.: K.B. 3214.8 ft
G.L. 3193.1 ft
D.F. 3213.6 ft

Permanent Datum: _____

Ground Level _____

Log Measured From: Kelly Bushing

Elev.: 3193.1 ft

Drilling Measured From: Kelly Bushing

21.7 ft above Perm. Datum

LOCATION

API Serial No. 30-015-34946

SECTION 6

TOWNSHIP 24S

RANGE 30E

COUNTY: Eddy

Field: Nash Draw (Delaware)

Location: 1780' FSL & 660' FWL

Well: Poker Lake Unit #264

Company: BEPCO, L.P.

Logging Date 22-Sep-2006

Run Number One

Depth Driller 7436 ft

Schlumberger Depth 7472 ft

Bottom Log Interval 7464 ft

Top Log Interval 730 ft

Casing Driller Size @ Depth 8.625 in @ 730 ft

Casing Schlumberger 730 ft

Bit Size 7.875 in

Type Fluid In Hole Brine / Starch / Salt Gel

Density 8 lbm/gal

Viscosity 10 s

PH 10

Fluid Loss

Source Of Sample Circulation Tank

RM @ Measured Temperature 0.131 ohm.m @ 92 degF

RMF @ Measured Temperature 0.058 ohm.m @ 75 degF

FMC @ Measured Temperature @

Source RMF FMC Measured

RM @ MRT 0.091 @ 135 0.033 @ 135

Maximum Recorded Temperatures 135 degF

Circulation Stopped 22-Sep-2006 3:30

Logger On Bottom 23-Sep-2006 02:35

Unit Number 2323 Location Frowell, N.M.

Recorded By Daniel Martinez

Witnessed By Brian Pregger

DLIS Name	New Value	Previous Value	Depth & Time
BHS	CASED	OPEN	703.5 06:15:05
GCSE	BS	HCAL	703.5 06:15:16

PIP SUMMARY

Integrated Borehole Volume Every 10 F3

Integrated Borehole Volume Every 100 F3

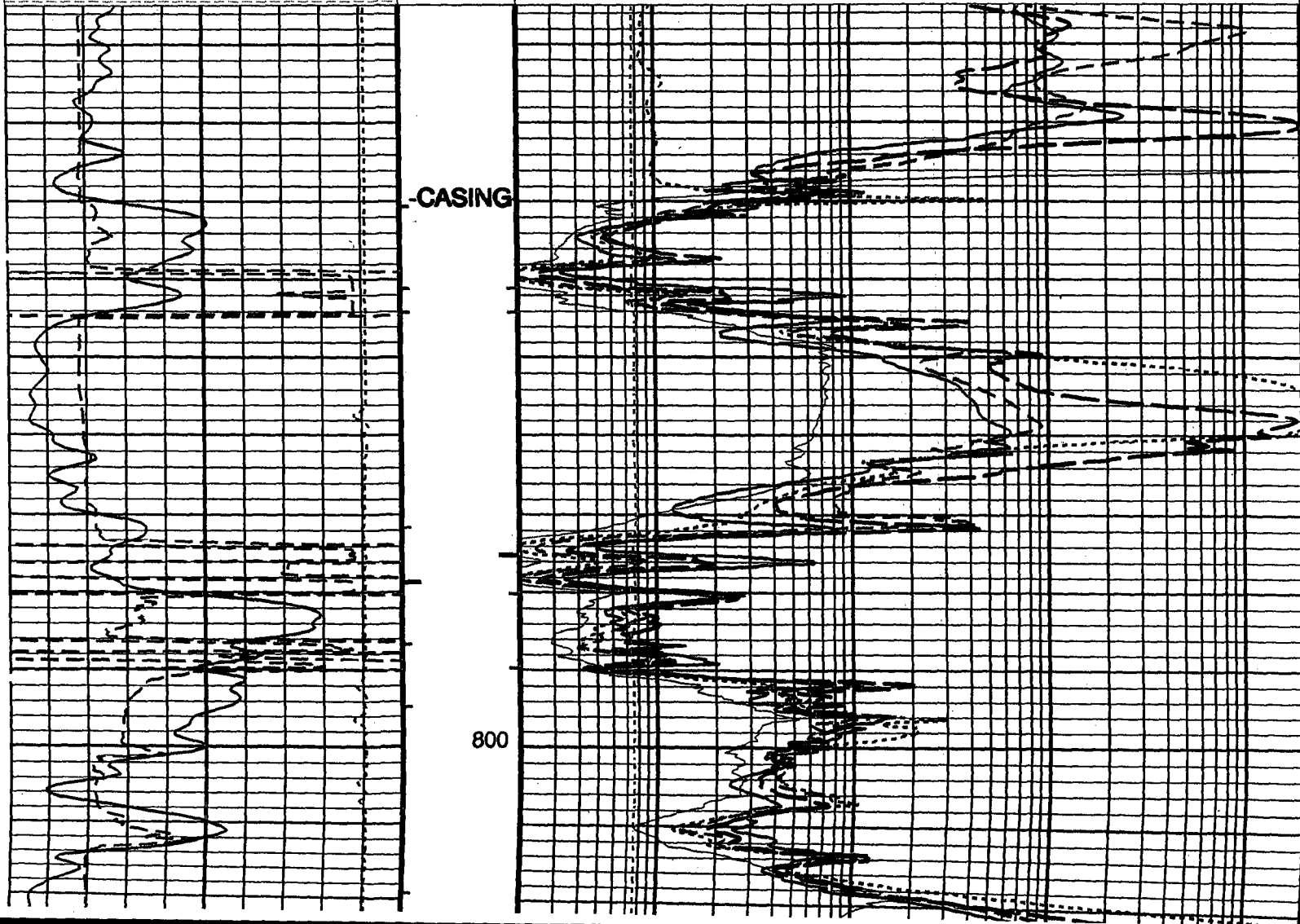
Integrated Annulus Volume Every 10 F3

Integrated Annulus Volume Every 100 F3

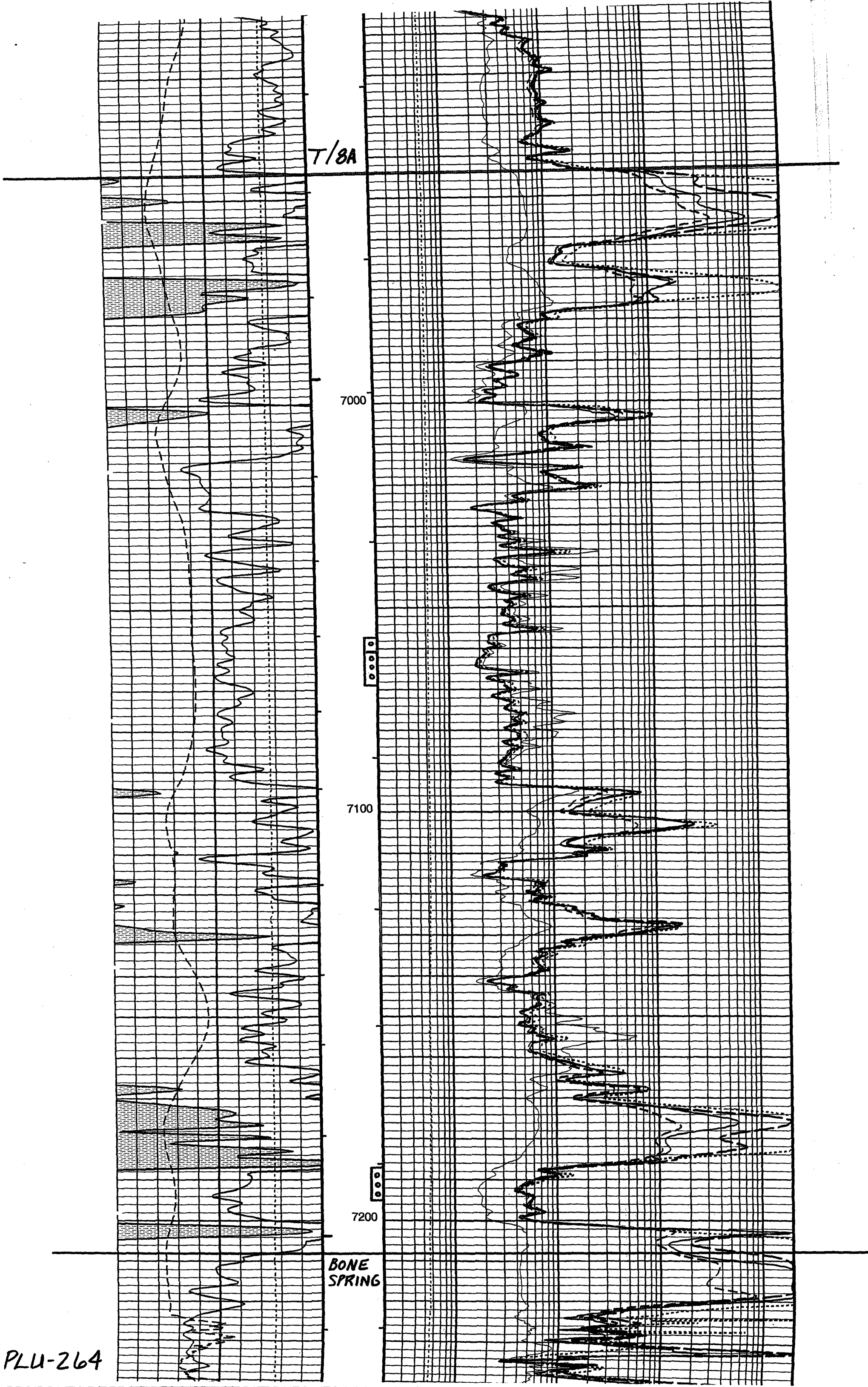
MAIN PASS 5" = 100'

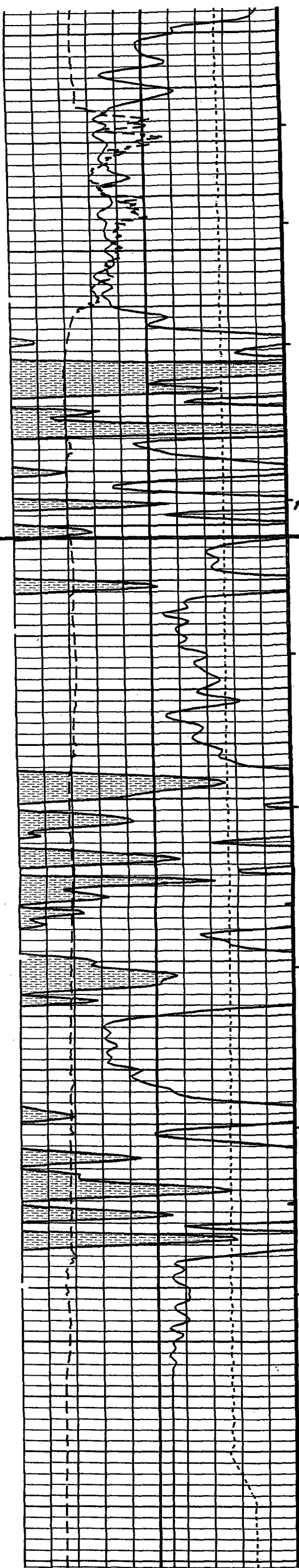
☒ Time Mark Every 60 S

	AIT-H Mud Full Cal (AMF) (OHMM)	200
0.02		
	AIT-H 90 Inch Investigation (AT90) (OHMM)	2000
0.2		
	AIT-H 60 Inch Investigation (AT60) (OHMM)	2000
0.2		
	AIT-H 30 Inch Investigation (AT30) (OHMM)	2000
0.2		
	AIT-H 20 Inch Investigation (AT20) (OHMM)	2000
0.2		
	AIT-H 10 Inch Investigation (AT10) (OHMM)	2000
0.2		



PLU-264





AVALON
7300

0
0
0
0
0

7400

FR GR

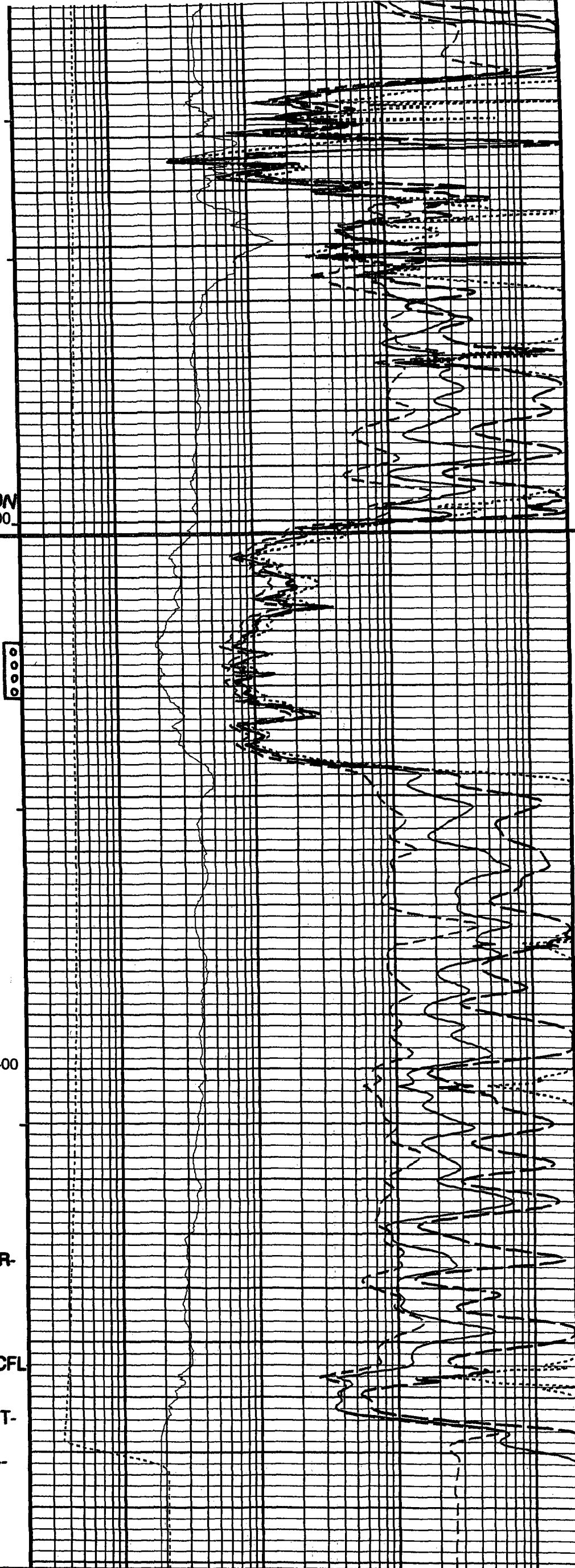
FR MCFL

FR AIT

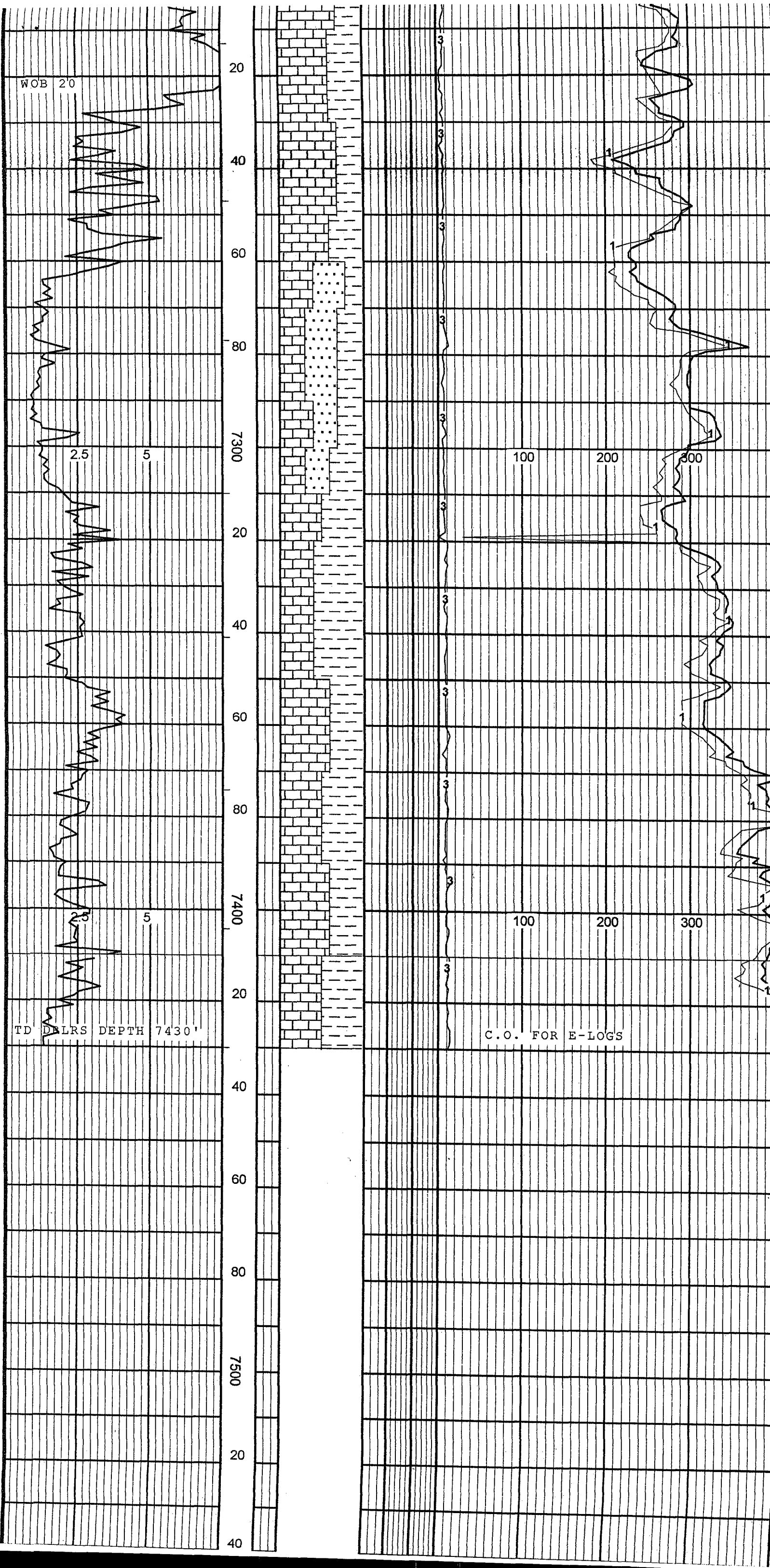
TD

PLU-264

Gamma Ray on Backup		
GR (GR) (GAPI)		
0		100
HRMS Caliper (HCAL) (IN)		
6		16
Cable Tension (TENS) (LBF)		
10000		0



0.2	AIT-H 10 Inch Investigation (AT10) (OHMM)	2000
0.2	AIT-H 20 Inch Investigation (AT20) (OHMM)	2000
0.2	AIT-H 30 Inch Investigation (AT30) (OHMM)	2000
0.2	AIT-H 60 Inch Investigation (AT60) (OHMM)	2000
0.2	AIT-H 90 Inch Investigation (AT90) (OHMM)	2000
AIT-H Mud Full Cal (AMF)		



brn, blk, frm, rthy, sme
slty, carb in prt, vfn
mica, lmy in prt

LS: tn, lt brn, brn, drk
brn, vfn xln, frm, mott
arg in prt

SS: frstd, lt gry, tn, clr
vfn gr, sub rnd-sub
ang, lsly-mod consol
sme unconsol, wll srtd
frly cmtd, calc mtrx,
NO VIS FLUOR OR CUT

SH: drk gry, gry, blk, drk
brn, blk, frm, mott,
rthy, slty, carb in prt
vfn mica, lmy in prt

LS: drk brn, brn, lt brn
tn, vfn xln, frm, chlky
in prt, arg in prt, sme
mott,

SH: drk gry, gry, blk, drk
brn, frm, rthy, carb, sme
slty, vfn mica, tr pyr
lmy in prt

PLU-264

TD 9/22/06
DRLRS DEPTH 7430'

WOB 20

2.5 5

100 200 300

5

100 200 300

TD DRLRS DEPTH 7430'

C.O. FOR E-LOGS